



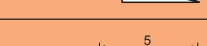









Test Probe
Installation Height: 10,3 - 18,3 mm (.406- .720)
Recommended Stroke: 4,0 resp. 6,4 mm (.157 resp. .252)

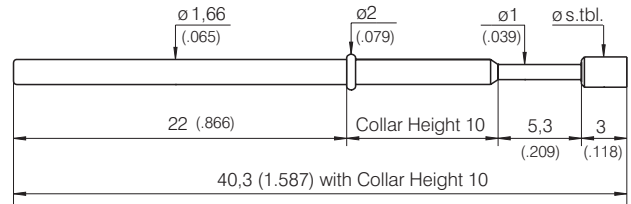
Grid:
 $\geq 2,54$ mm
 ≥ 100 Mil

GKS 112

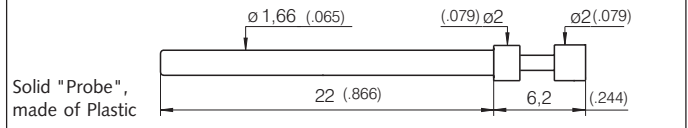
Available Tip Styles					
Material	Tip Style	Standard Plating	Special Versions		
			\varnothing	\varnothing (inch)	
2	01 	R	0,80	(.031)	
3	02 	A	1,00 1,50	(.039) (.059)	
3	03 	A	1,80	(.071)	
2	04 	R	1,30	(.051)	
3	05 	A	0,80	(.031)	
3	05 	A	1,00 1,40 2,30	(.039) (.055) (.091)	
0	06** 	A			
3	06 	A	1,30 R 1,50 R 1,80 R 2,50 R	(.051) (.059) (.071) (.098)	
2	07 	R	1,30 A	(.051)	
2	09*** 	N			
2	14 	R			
2	17 	N			

** also available as Tip Style 002 and 003, Install. H. plus 0,8 mm (.031)
 *** pressed-in Steel point in Base Plunger made of Brass

Mounting and Functional Dimensions



VS - 112 is used instead of a Test Probe and prevents in case of maintenance, that not required Receptacles will accidentally be used.



Mechanical Data

Working Stroke: 4,0 mm (.157)
 Maximum Stroke: 5,3 mm (.209)
 Spring Force at Work. Stroke: 1,5 N (5.4 oz.)
 alternative: 0,6 N (2.2 oz.); 0,8 N (2.9 oz.); 2,25 N (8.1oz); 3,0 N (10.8oz); 5,0 N (18.1oz)

By Test Probes with Tip Dia. $\leq 1,0$ mm (.039) the Spring Force is reached at the recommended Working Stroke of 6,4 mm (.252) (Maximum Stroke: 8,0 mm (.315)).

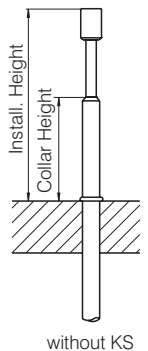
Exception: 5,0 N Spring (18.1oz): max. Stroke is always 5,3 mm (.209).

Collar Height and Installation Height

To adjust the Installation Height of the Probe Tip (Dimension without Receptacle) Test Probes with alternative Collar Heights are available.

Collar Height Installation Height (without KS)

02	10,3 mm (.406)
03	11,3 mm (.445)
04	12,3 mm (.484)
05	13,3 mm (.524)
06	14,3 mm (.563)
07	15,3 mm (.602)
08	16,3 mm (.642)
09	17,3 mm (.681)
10	18,3 mm (.720)



Electrical Data

Current Rating: 5-8 A
 R_1 typical: < 20 m Ω (* > 100 m Ω)

Operating Temperature:

Standard: -40° up to +80° C
 *with spec. Designation "C": -100° up to +200° C
 (0,8 N; 1,5 N; 2,25 N; 3,0 N)

Materials

Plunger: Steel or BeCu, gold-plated, rhodium- or chemically nickel-plated
 Barrel: Nickel-silver or Brass, gold-plated
 Spring: Steel, gold-plated, Stainless Steel* (C)
 Receptacle: Brass, gold-plated

Note to GKS - 112 and KS - 112:

For Test Probes series GKS-112 Receptacles of the series KS-112 are used > see Page 34.
 Insertion and Extraction Tools for GKS and KS (> see Page 80).
Screw-in Versions > see Page 86.

Ordering Example:

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)
0 = Delrin	2 = Steel	3 = BeCu		A = Gold N = Nickel R = Rhodium		

Test Probe:

Receptacles for GKS-112:

